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Data sheet 5SD7444-1

COMBIN. ARRESTER TYPE 1 + 2 REQ.CATEGORIES B+C, UC 350V PLUG-IN PROTECTION BLOCKS 4POLE, 3+1 CIRCUIT FOR TN-S AND TT SYSTEMS W. REMOTE DISPLAY



Model		
product brand name		SENTRON
Product designation		Surge protection device
Design of the product		Arrester combination
Type of distribution system		TT and TN-S
Design of the switching function		1 CO
Design of the thread		M5
Signal design		Defect signaling contact
General technical data		
SPD classification / acc. to EN 61643-11 / Test Class II, Type 2		Yes
SPD classification / acc. to EN 61643-11 / Test Class I, Type 1		No
Voltage		
Size of surge arrester		8MW
Overvoltage category / acc. to IEC 61010-1		III
Protection class		
Protection class IP		IP20

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Main circuit		
Operating voltage		
• at AC / Rated value	V	240

Product details		
Product component / remote-signaling contact		Yes

Connections		
Connectable conductor cross-section		
• for rigid conductor		
— minimum	mm²	2.5
— maximum	mm²	35
• finely stranded		
— minimum	mm²	2.5
— maximum	mm²	25
Connectable AWG conductor cross-section / as coded AWG spec. / for grounding / finely stranded		
• minimum	mm²	13
• maximum	mm²	2
Type of electrical connection		M2 screw thread

Mechanical Design		
Mounting type		Rail-mountable NS 35
Net weight	g	1 403

Environmental conditions		
Degree of pollution		2
Ambient temperature		
• minimum	°C	-40
• maximum	°C	80

General Product Approval	Declaration of Conformity	other
KEMA UL EAC EG-Konf.		Umweltbestätigung

Further information

Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)
https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5SD74441

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/5SD74441/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SD74441

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CAx-Online-Generator
http://www.siemens.com/cax

Tender specifications
http://ausschreibungstexte.siemens.com/tiplv

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